

UNCLASSIFIED

AD NUMBER
AD400904
NEW LIMITATION CHANGE
TO Approved for public release, distribution unlimited
FROM Distribution authorized to U.S. Gov't. agencies and their contractors; Foreign Government Information; DEC 1962. Other requests shall be referred to US Library of Congress, Attn: Aerospace Technology Division, Washington, DC.
AUTHORITY
ATD ltr, 2 Dec 1965

THIS PAGE IS UNCLASSIFIED

400904

S/200/62/000/005/005/005
I015/I215

AUTHOR: Butov, Yu. M.

TITLE: Cinematographic methods of investigation in biology and medicine

PERIODICAL: Akademiya nauk SSSR. Sibirskoye otdeleniye. Izvestiya, no.5, 1962, 132-134

TEXT: This short communication reviews the older photographic techniques based on photochemical reactions, and the modern approach based on electrophysical principles. The latter includes: 1) the electrostatic method (xerography); 2) the electro-optical method of transformation of an image; 3) the magnetostatic method (ferro-magnetography); 4) the method of magnetic recording

Card 1/2

S/200/62/000/005/005/005
I015/I215

Cinematographic methods...

of black-white and color images on a magnetic tape; 5) the photo-electric (semiconductive) method of magnifying the image. The advantages of the new methods are listed. There are 2 tables.

ASSOCIATION: Institut eksperimental'noy biologii i meditsiny, Sibirskogo otdeleniya AN SSSR, Novosibirsk. (Institute of Experimental Biology and Medicine, Siberian Section AS USSR, Novosibirsk)

Card 2/2